Certificate of Analysis

UDP-GlcNAc (disodium)

Cat. No.: HY-112174 CAS No.: 91183-98-1 Batch No.: 30037

Chemical Name: Uridine 5'-(trihydrogen diphosphate), P'-[2-(acetylamino)-2-deoxy-α-D-glucopyranosyl] ester, so

dium salt (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{17}H_{25}N_3Na_2O_{17}P_2$

Molecular Weight: 651.32

Storage: -20°C, sealed storage, away from moisture

* The compound is unstable in solutions, freshly prepared is recommended.

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance:

Purity (HPLC): ≥99.0%

Solvent Content (GC): 2% 9.5% Phosphorus: Sodium: 7.0% Water Content (KF): 5%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA